

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter for which a patent is sought on the invention entitled:

"NOVEL BRACHYSPIRA HYODYSENTERIAE VACCINE"

the specification of which [CHECK ONE]

[X] is attached hereto.

[] was filed on _____ as Application Serial No. _____ and was amended on _____ [if applicable].

[] was filed under the Patent Cooperation Treaty on _____, Serial No. _____, the United States of America being designated.

[] and amended by letter of _____ to the International Preliminary Examining Authority as reported in the International Preliminary Examination Report completed _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined Title 37, Code of Federal Regulations Section 1.56 (a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application(s) on which priority is claimed:

Prior Foreign Application(s)		Priority claimed
02077882.5	EP	17/July/2002 [Y]
Number	Country	Day/Month/Year filed []
Number	Country	Day/Month/Year filed []
Number	Country	Day/Month/Year filed []

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application(s) in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application.

(U.S. Serial No.)	(Filing Date)	(Status – patented, pending abandoned)
(U.S. Serial No.)	(Filing Date)	(Status – patented, pending abandoned)

And I hereby appoint as principal attorneys, William M. Blackstone, Registration No. 29,772, William P. Ramey, III, Registration No. 44,295, and Mark W. Milstead, Registration No. 45,825 as patent attorneys.

Please address all communications to:

Customer No.: 31846
 William M. Blackstone
 AKZO NOBEL PHARMA PATENT DEPT.
 29160 Intervet Lane
 P.O. Box 318
 Millsboro, DE 19966

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Ben Adler

Inventor's signature: [Signature] Date: 11/2/05

Citizenship: Australia

Residence and P.O. Address: 221 Lawrence Road
Mt. Waverly
Vic 3149 Australia

AKX

2-00 Full name of second joint inventor: Paul Antony Cullen

Inventor's signature: [Signature] Date: 22/2/05

Citizenship: Australia

Residence and P.O. Address: 10/11 Murrumbeena Rd.
Murrumbeena AUX
Vic 3163 Australia

3-00 Full name of third joint inventor: Scott Adam James Coutts

Inventor's signature: [Signature] Date: 14/2/05

Citizenship: Australia

Residence and P.O. Address: 2 Noora Crt.
Croydon AUX
Vic 3136 Australia

4-00 Full name of fourth joint inventor: Dieter Mark Bulach

Inventor's signature: [Signature] Date: 14/2/05

Citizenship: Australia

Residence and P.O. Address: 18 Bingley Ave.
Notting Hill AUX
Vic 3168 Australia

5-00 Full name of fifth joint inventor: Ruud Philip Antoon Maria Segers

Inventor's signature: [Signature] Date: 04-02-2005

Citizenship: Dutch

Residence and P.O. Address: Groenling 3
5831 MZ Boxmeer NLX
The Netherlands